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**Bonded abrasive products — Shape  
types, designation and marking**

*Produits abrasifs agglomérés — Types de forme, désignation et  
marquage*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 5, *Grinding wheels and abrasives*.

This fifth edition cancels and replaces the fourth edition (ISO 525:2013), which has been technically revised. The main changes compared to the previous edition are as follows:

- title corrected to be more precise: “Bonded abrasive products – Shape types, designation and marking”;
- scope corrected by deleting bullet point d) for dimensions, limit deviations and tolerances as well as permissible unbalance; requirements for dimensions, limit deviations and tolerances were never specified in ISO 525 but in ISO 13942;
- type of citation of ISO 603, ISO 13942 and ISO 6103 revised to be informative;
- [Table 1](#): symbols revised;
- [Table 2](#): shape types and their designations revised in order to better fit together in terms of language;
- [Table 2](#): addition of new shape types 18B and 18P;
- [Table 2](#): addition of more subtypes to shape types 31, 52, 54 and 90 in accordance with the respective part(s) of ISO 603;
- revision of profiles in [4.2](#) as well as addition of further profiles;
- former subclauses 5.1, 5.2 and 5.3 deleted;
- former subclause 5.4 revised and moved to be [Clause 5](#);
- revision of [Table 3](#) “Specification” and the following subclauses explaining the elements of [Table 3](#);
- reintroduction of the designation from the edition of 1999 as new [Clause 6](#);